

ABSTRAK

PT XDZ is one of the telecommunications companies in Indonesia. The company will carry out the construction of an FTTH project in a development area assisted by PT PRX, a subsidiary of PT XDZ which focuses on construction construction and services for network infrastructure. PT PRX is building a STTF (shit to the front) project, namely the construction of additional FTTH (Fiber to the home) networks in areas with high demand potential. One of the locations for the STTF development project is in the Tajur area of Tasikmalaya City. the need for network demand in the area has not been met and residents are pressing for the network to be built immediately. During the construction of the STTF project, there were obstacles that resulted in the duration of the delay, so the project schedule was accelerated using the Crashing method. This method aims to optimize working time to speed up the duration of work with the most optimal consideration of additional costs that are in a critical time. Before entering into the Crashing calculation, it is necessary to identify the risk of each activity being delayed using the risk register, and identify stakeholders who have an interest in the sustainability of the development project using stakeholder involvement. In addition, it requires costs to find out direct costs and indirect costs. In collecting data, details of project activities are carried out as well as estimating the duration and budget of each activity. This is useful for designing WBS (Work Breakdown Structure) so that the work process is more detailed and project planning will be much better.

Keywords: *Demand, Crashing, Direct Cost, Indirect Cost, Work Breakdown Structure, Risk Register, Stakeholder, Stakeholder engagement*